IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Ronald Scott Smith et al.

Attorney File: NOVA 9244

Serial No.:

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Group Art Unit:

Filed: Herewith

Examiner:

Use of Ionic Liquids to Separate Olefins, Diolefins and Aromatics

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This document and the attachments hereto are presented in accordance with the requirements of 37 CFR § 1.56. Below is listed information which may be material to the cited application and, which the examiner may deem important and wish to consider in conjunction with the examination of the cited application. The relevance of the information is a subjective test and its submission here may be based on the fact the information provides background or in some manner relates to subject matter disclosed or claimed in the cited application. The submission of information herewith is not intended to be, nor is it an admission either directly or indirectly that all or any portion of said information is prior art as to any aspect of the invention(s) disclosed or claimed in the cited application. A copy of each reference is enclosed herewith. (See attached form)

Respectfully Submitted

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Date 08/26/08

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Substitute	for form 1449A/PT	го		Complete if Known			
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STAT	'EMENT I	BY A	PPLICANT	First Named Inventor	Ronald Scott Smith		
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(use as many sheets as necessary)				Examiner Name			
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	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.1	U.S. Patent Number	Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		3,441,37	7	W.H. Sawyer et al.	04/29/69	Class 23-204 Sub			
		3,979,280	0	Dielacher et al.	09/07/76	Class 208/310 R Sub			
		4,328,38	2	Alter et al.	05/04/82	Class 585/844 Sub			
		5,981,81	В	Purvis et al.	11/09/99	Class 585/519 Sub			
		6,339,18	2	Munson et al.	01/15/02	Class 585/809 Sub			
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	FOREIGN PATENT DOCUMENTS									
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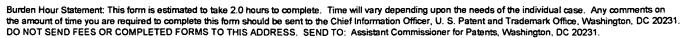
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Sheet	2	of	2	Attorney Docket Number	NOVA 9244		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		JOHN E. Enderby, Ionic Liquids: Recent Progress and Remaining Problems, J. Phys.: Condens. Matter 5, (1993) B99-B106, printed in the U.K.	
		HELENE OLIVIER and YVES CHAUVIN, Nonaqueous Room-Temperature Ioni Liquids: A New Class of Solvents for Catalytic Organic Reactions, Chem. Ind 68: 249-263 (1996). France	c
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		MICHAEL FREEMANTLE, Designer Solvents, Ionic liquids may boost clean technology development, pages 32-37, C&EN, March 30, 1998. London	
		CHARLES M. GORDON, J.D. HOLBREY, A. R. KENNEDY, AND K.R. SEDDON, Ionic liquid crystals: hexafluorophosphate salts, J.Mater. Chem, 1998, 8, 2627-2636,	
		THOMAS WELTON, Room-Temperature Ionic Liquids. Solvents for Synthesis and Catalysis, Chem. Rev. 1999, 99, 2071-2083, Published on the Web 07/07/1999.	
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Signature	Considered	

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.





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